

# PATENT SPECIFICATION

DRAWINGS ATTACHED

1,198,356

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Date of filing Complete Specification: 16 May, 1969.

Date of Application (No. 10873/68): 6 March, 1968.

Complete Specification Published: 15 July, 1970.

Index at Acceptance:—A4 J (1B, 1E, 1H); A4 H (48, 89, 91).

International Classification:—A 47 c 13/00.

## COMPLETE SPECIFICATION

### Improvements in Chairs

We, SMALLTIME LIMITED of 62 Station Road, London, N.11, a British Company, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to chairs and provides a chair, particularly for nursery use, which can be used as a rocking chair, a stable chair with alternative seat heights, or as a table or desk.

According to the invention a chair comprises a pair of side frames, each having at least one convexly bowed edge and one straight edge, interconnected by one or more cross-members, providing seating or supporting surfaces, such that the chair has at least one unstable, rocking, position when resting on bowed frame edges and one stable position when resting on straight frame edges.

In a preferred embodiment, the side frames are substantially sector-shaped, with one bowed edge and three straight edges, and the cross-members consist of three rectangular boards secured at their ends to the side frames and mutually meeting at obtuse angles along one of the boards to which the others are secured. In this form, the chair has one unstable, rocking, position and three stable positions.

The invention is illustrated, by way of example, on the accompanying drawing, in which:—

Fig. 1 is a perspective view of the chair in the rocking position, and

Figs. 2, 3 and 4 are respectively sectional elevations of the chair in the stable, higher seat position, the stable, lower seat position and as a table.

As shown by Fig. 1, the chair consists of a pair of sector-shaped, plywood side frames 1 and 2. Each side frame has one bowed

edge 3 and three straight edges 4, 5 and 6, edges 4 and 6 being of equal length and longer than edge 5. Each frame is pierced by a large circular hole 7.

Three rectangular, plywood boards 8, 9 and 10 form cross-members between the side frames 1 and 2 and are secured at their ends by screws 11 passing through the side frames. The boards are orientated so that each one lies in a plane parallel to the plane of one of the side frame straight edges, i.e. board 8 is parallel to edges 4, board 10 to edges 5 and board 9 to edges 6. Boards 8 and 9 carry in their central edges pins 12 which mate with angled holes in the flats of board 10.

The chair can be used in any one of four positions. Fig. 1 shows the chair in the rocking position, resting on the bowed frame edges 3, the board 10 forming the seat and the board 9 an angled backrest. In the first stable position, Fig. 2, the chair rests on the frame edges 5, board 10 is parallel to the floor and forms the higher alternative seat with board 8 as an angled backrest. In the second stable position, Fig. 3, the chair rests on the frame edges 4, board 8 is parallel to the floor and forms the lower alternative seat with board 10 as an angled backrest. In the last stable position, Fig. 4, the chair rests on frame edges 6, with board 9 parallel to the floor and board 8 inclined at an angle to the floor, so that the chair can be used as a table.

Although plywood is used in the above example, the chair could be made in other materials, for example it could be made as one or more plastics mouldings.

#### WHAT WE CLAIM IS:—

1. A chair comprising a pair of side frames, each having at least one convexly bowed edge and one straight edge, interconnected by one or more cross-members, providing seating or supporting surfaces,

such that the chair has at least one unstable, rocking position when resting on the bowed edges of the frames and one stable position when resting on the straight edges of the 5 frames.

2. A chair as claimed in claim 1, in which the side pieces are substantially sector-shaped, with one bowed edge and three straight edges, and three cross-members, 10 consisting of rectangular boards, are secured at their ends to the side frames and mutually meet at obtuse angles along one of the boards to which the others are secured, such that the chair has one unstable, rocking, 15 position and three stable positions.

3. A chair as claimed in claim 2, in which each of the cross-member boards lies in a plane parallel to the plane of one of the side frame straight edges, such that in each of the three stable positions one of the boards 20 is parallel to the floor on which the chair rests.

4. A chair substantially as described with reference to and as shown by the accompanying drawing.

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1 SHEET

COMPLETE SPECIFICATION

This drawing is a reproduction of the Original on a reduced scale.

